

Title (en)

LOAD CONTROL SYSTEM HAVING A VISIBLE LIGHT SENSOR

Title (de)

LASTSTEUERUNGSSYSTEM MIT SICHTBAREM LICHTSENSOR

Title (fr)

SYSTÈME DE COMMANDE DE CHARGE AYANT UN CAPTEUR DE LUMIÈRE VISIBLE

Publication

EP 3387885 A1 20181017 (EN)

Application

EP 16826789 A 20161209

Priority

- US 201562266370 P 20151211
- US 2016066035 W 20161209

Abstract (en)

[origin: WO2017100723A1] A sensor (180) for sensing environmental characteristics of a space (102) may include a visible light sensing circuit for recording an image of the space and a control circuit responsive to the visible light sensing circuit. The control circuit may detect an occupancy or vacancy condition in the space in response to the visible light sensing circuit, and measure a light level in the space in response to the visible light sensing circuit. The control circuit may also include a low-energy occupancy sensing circuit for detecting an occupancy condition in the space. The control circuit may disable the visible light sensing circuit when the space is vacant. The control circuit may detect an occupancy condition in the space in response to the low-energy occupancy sensing circuit and subsequently enable the visible light sensing circuit. The visible light sensor may be configured in a way that protects the privacy of the occupants of the space.

IPC 8 full level

H05B 37/02 (2006.01); **F21V 23/04** (2006.01); **G08B 13/196** (2006.01); **H04N 7/18** (2006.01)

CPC (source: CN EP US)

G05B 19/048 (2013.01 - US); **G06V 40/20** (2022.01 - US); **H04N 7/188** (2013.01 - CN EP US); **H05B 47/105** (2020.01 - CN US); **H05B 47/11** (2020.01 - US); **H05B 47/115** (2020.01 - US); **H05B 47/125** (2020.01 - EP); **H05B 47/18** (2020.01 - US); **H05B 47/19** (2020.01 - US); **G05B 2219/23153** (2013.01 - US); **H05B 47/19** (2020.01 - EP); **Y02B 20/40** (2013.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

US 2016066035 W 20161209; CA 3007998 A 20161209; CN 201680081057 A 20161209; CN 202010908192 A 20161209; EP 16826789 A 20161209; EP 24165361 A 20161209; MX 2018007096 A 20161209; MX 2022013047 A 20180611; US 201615374928 A 20161209; US 201916280797 A 20190220; US 202016790334 A 20200213; US 202117243698 A 20210429; US 202217882026 A 20220805